

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065280.D
 Acq On : 28 Dec 2020 12:47
 Operator : JC/MD
 Sample : L5139-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE115D2-20201215DL

Quant Time: Dec 29 02:20:27 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

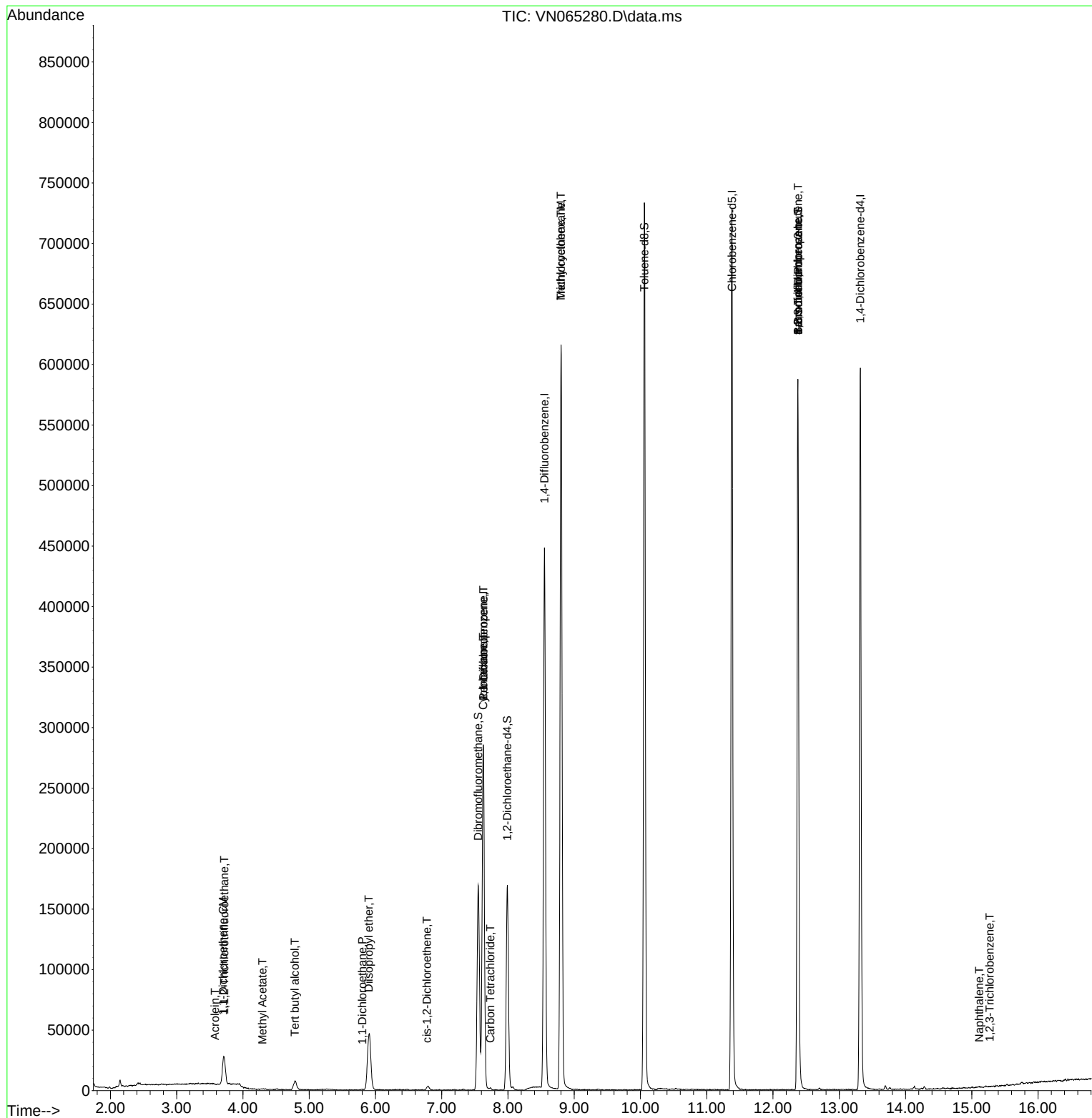
Internal Standards						
1) Pentafluorobenzene	7.627	168	257040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	425890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	447886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	181714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	148349	51.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.24%			
35) Dibromofluoromethane	7.550	113	130768	50.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.78%			
50) Toluene-d8	10.058	98	527762	54.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.60%			
62) 4-Bromofluorobenzene	12.376	95	206634	53.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.64%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.721	101	10732	4.54	ug/l	99
11) Tert butyl alcohol	4.782	59	541	1.14	ug/l	97
12) 1,1-Dichloroethene	3.701	96	5351	2.12	ug/l #	86
13) Acrolein	3.576	56	96	2.71	ug/l #	1
16) Acetone	3.782	43	206	Below Cal	#	43
18) Methyl Acetate	4.293	43	1317	0.51	ug/l #	50
22) Diisopropyl ether	5.897	45	2250	0.27	ug/l #	5
24) 1,1-Dichloroethane	5.801	63	1324	0.29	ug/l #	82
27) cis-1,2-Dichloroethene	6.778	96	924	0.32	ug/l	67
31) Cyclohexane	7.624	56	4585	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16466	4.25	ug/l #	50
38) Carbon Tetrachloride	7.733	117	1055	0.26	ug/l	97
39) Methylcyclohexane	8.801	83	2589	0.56	ug/l #	1
44) Trichloroethene	8.801	130	237396	71.39	ug/l	98
71) Bromoform	12.376	173	1096	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	101771	27.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	101771	69.22	ug/l #	15
95) Naphthalene	15.113	128	462	3.42	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.270	180	62	3.24	ug/l #	81

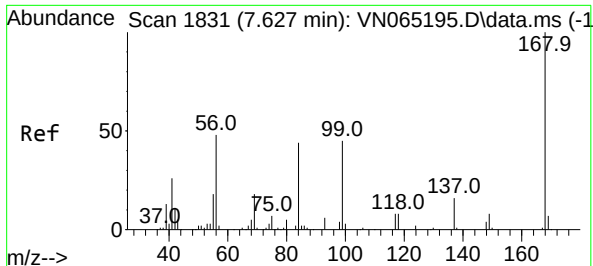
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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RE115D2-20201215DL

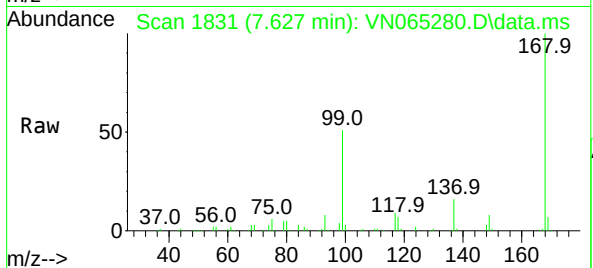
Quant Time: Dec 29 02:20:27 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration



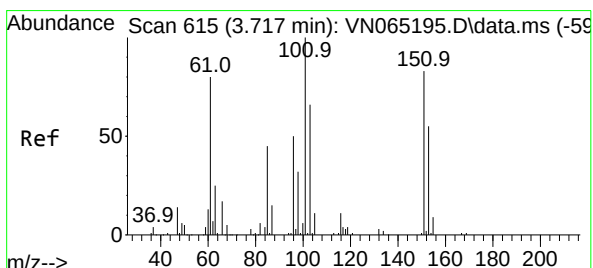
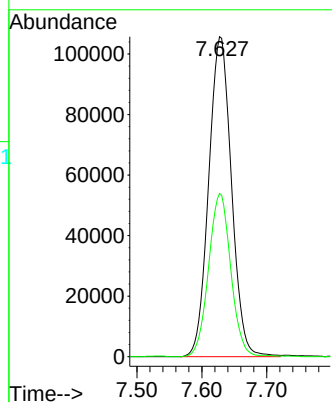
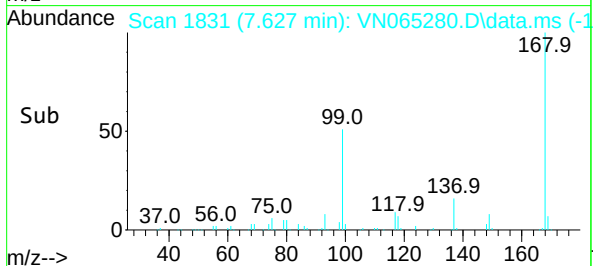


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

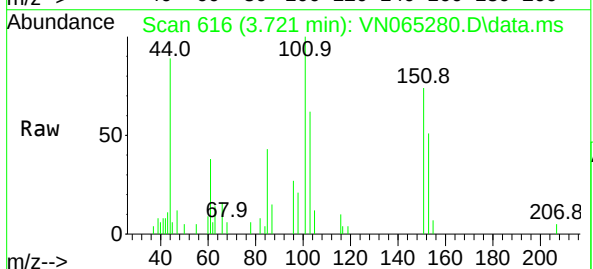
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL



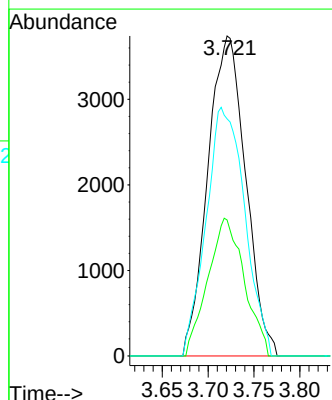
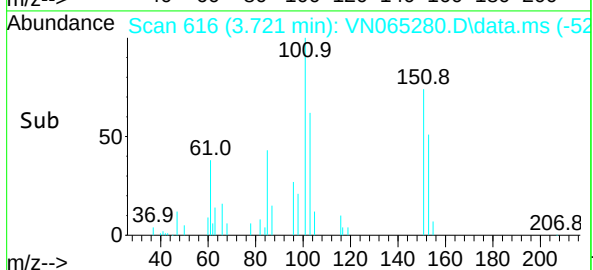
Tgt Ion:168 Resp: 257040
Ion Ratio Lower Upper
168 100
99 51.0 43.0 64.4

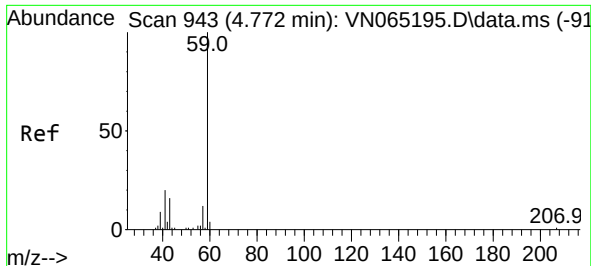


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.54 ug/l
RT: 3.721 min Scan# 616
Delta R.T. 0.004 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47



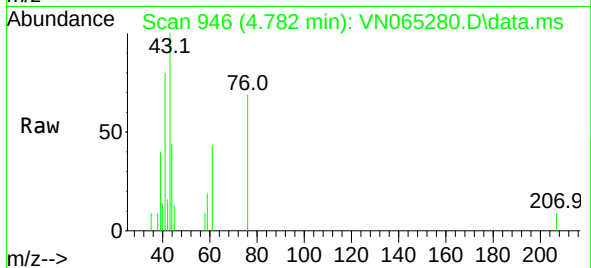
Tgt Ion:101 Resp: 10732
Ion Ratio Lower Upper
101 100
85 41.5 34.4 51.6
151 79.5 64.0 96.0



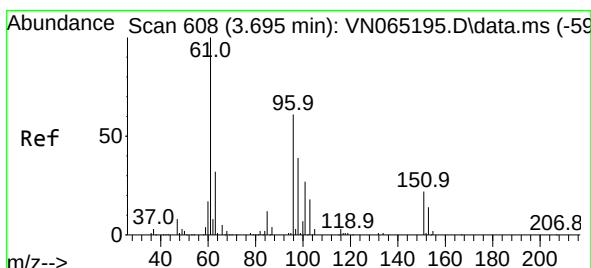
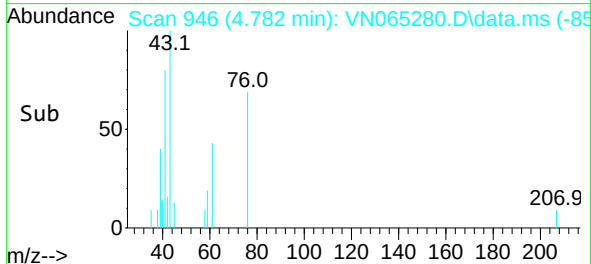
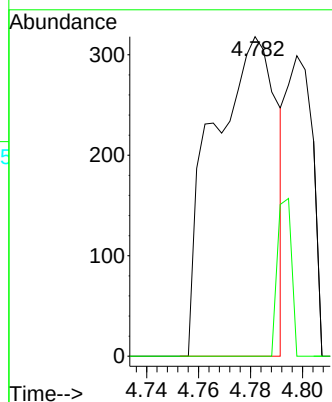


#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 4.782 min Scan# 946
Delta R.T. 0.010 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

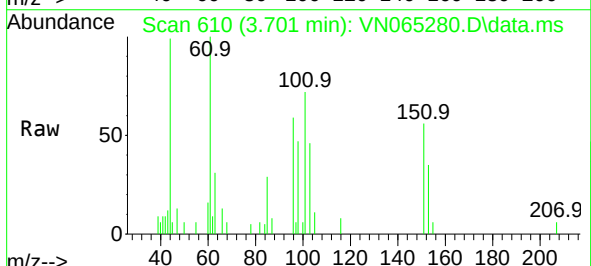
Instrument :
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RE115D2-20201215DL



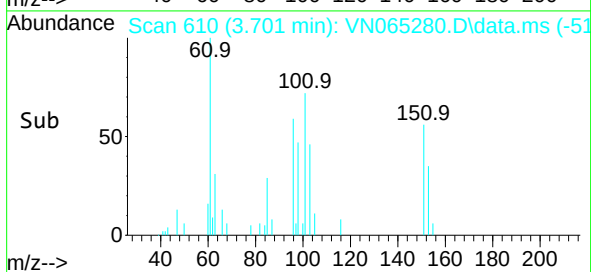
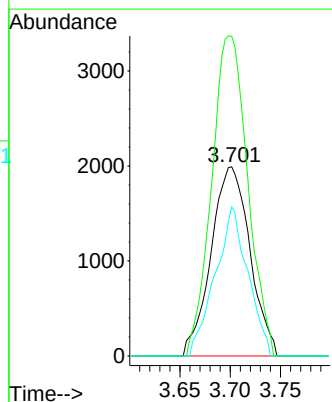
Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
57 10.9 7.9 11.9

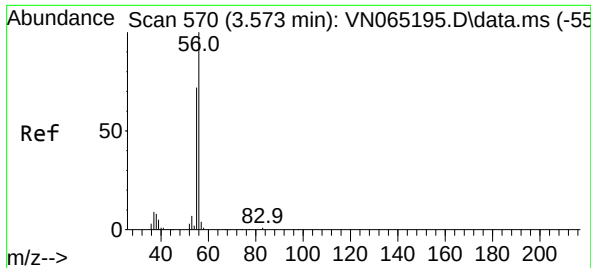


#12
1,1-Dichloroethene
Concen: 2.12 ug/l
RT: 3.701 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47



Tgt Ion: 96 Resp: 5351
Ion Ratio Lower Upper
96 100
61 169.0 123.4 185.2
98 78.8 49.8 74.8#

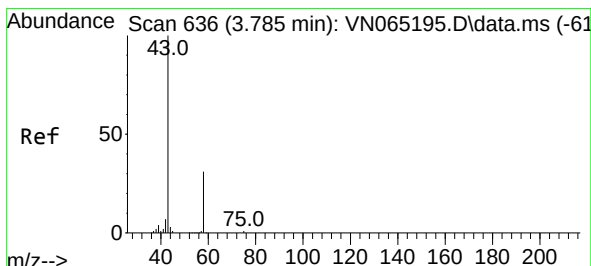
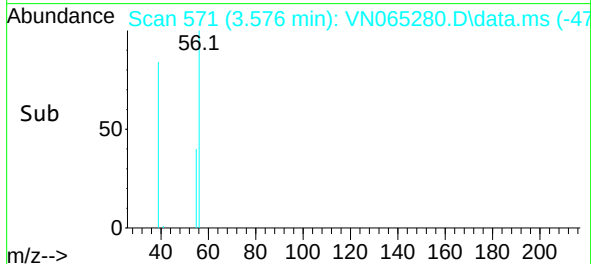
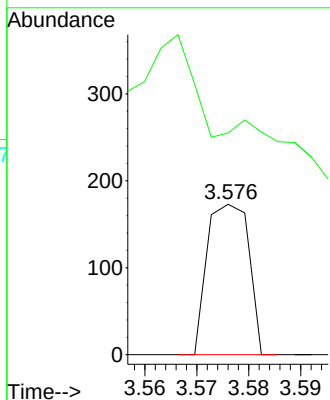
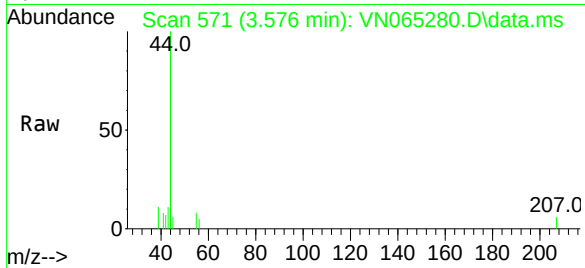




#13
Acrolein
Concen: 2.71 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

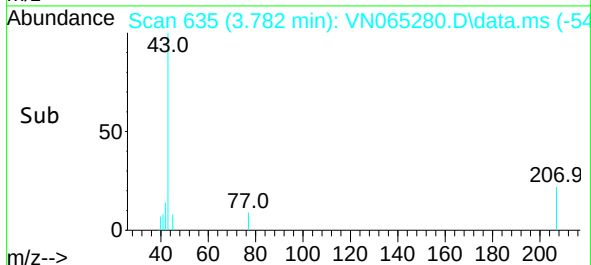
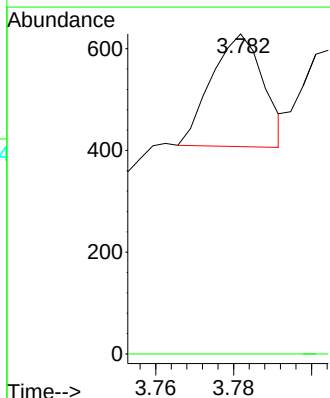
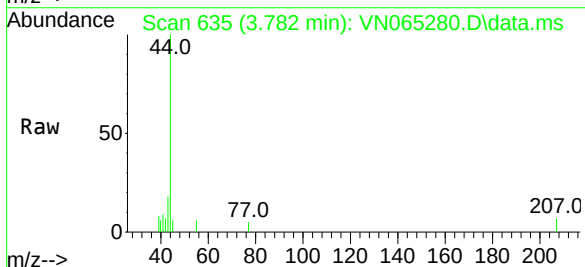
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

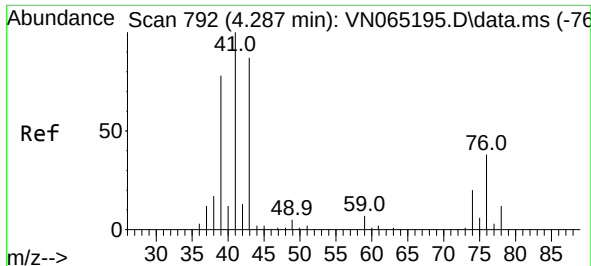
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 249.0 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

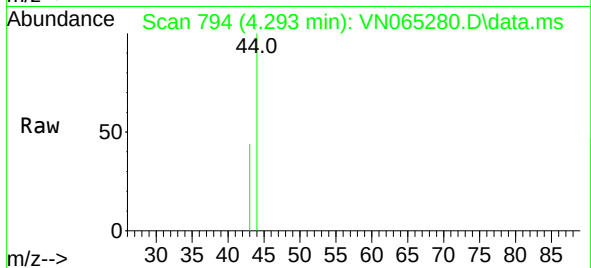
Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



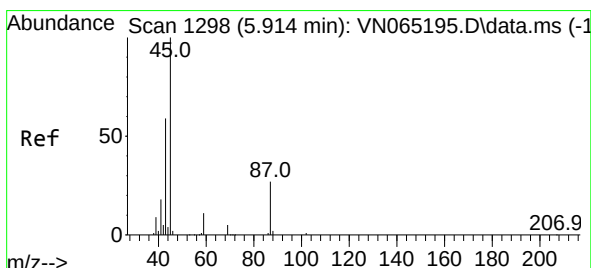
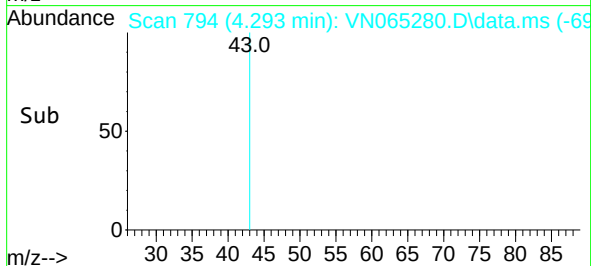
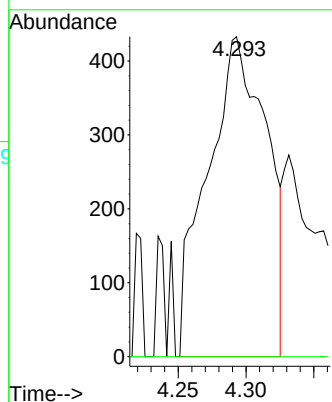


#18
Methyl Acetate
Concen: 0.51 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

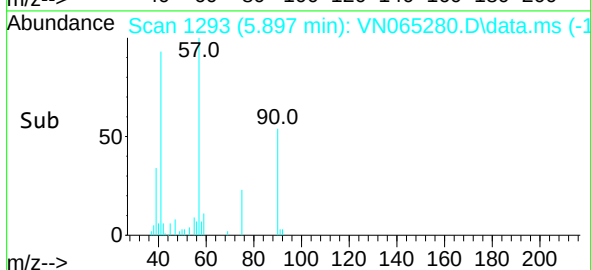
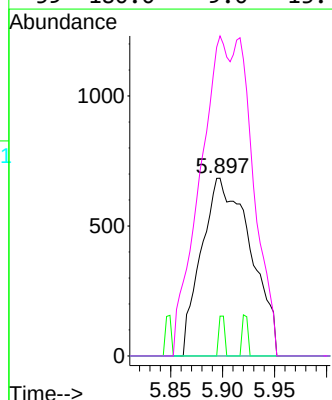
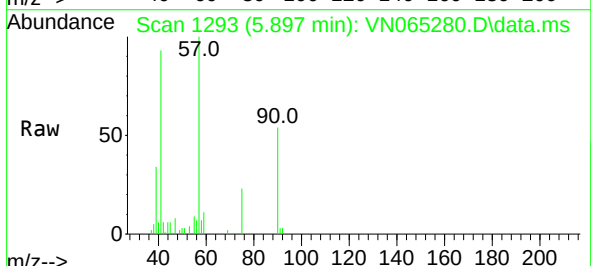


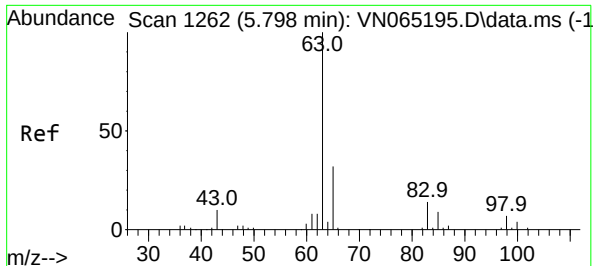
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#22
Diisopropyl ether
Concen: 0.27 ug/l
RT: 5.897 min Scan# 1293
Delta R.T. -0.017 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

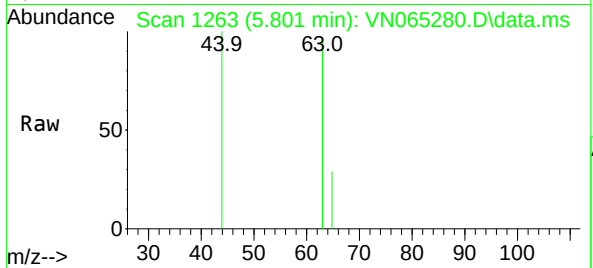
Tgt Ion: 45 Resp: 2250
Ion Ratio Lower Upper
45 100
43 22.4 46.2 69.2#
87 0.0 24.1 36.1#
59 180.0 9.0 13.4#



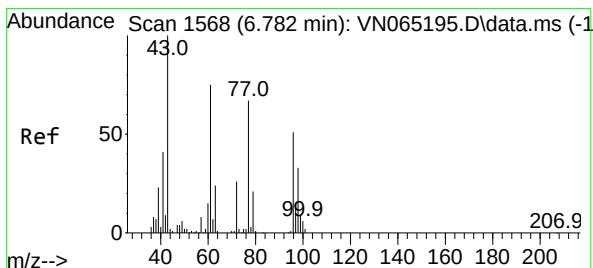
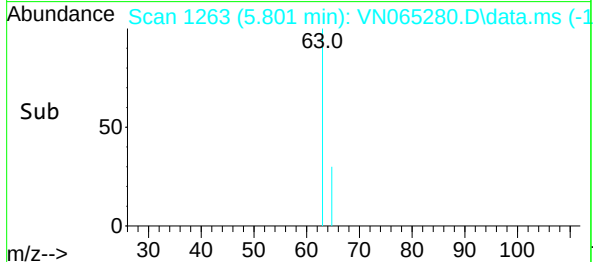
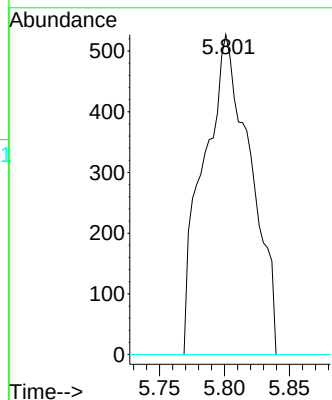


#24
1,1-Dichloroethane
Concen: 0.29 ug/l
RT: 5.801 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
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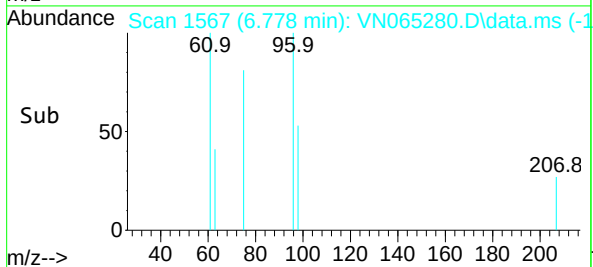
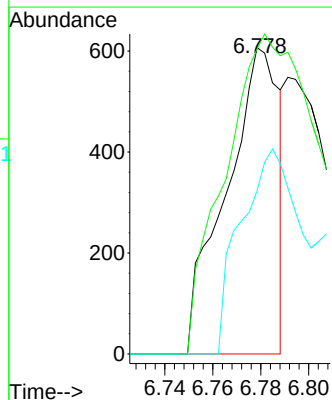
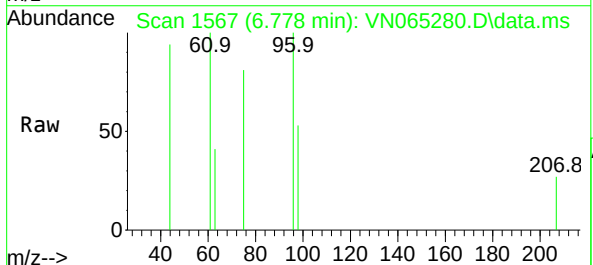


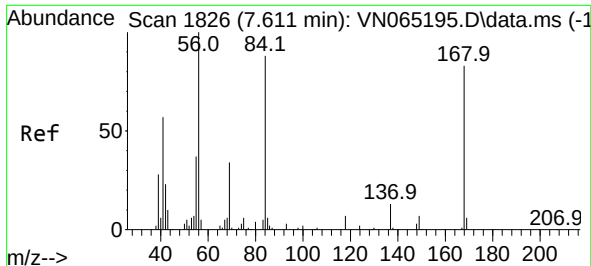
Tgt Ion: 63 Resp: 1324
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.3 6.8#



#27
cis-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 6.778 min Scan# 1567
Delta R.T. -0.004 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

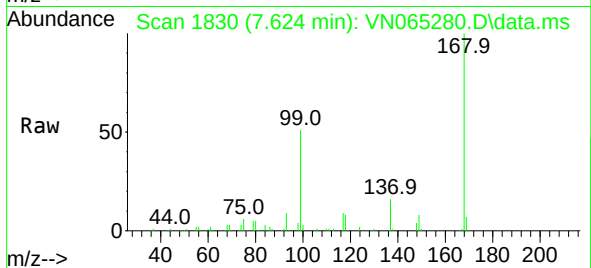
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 195.9 0.0 285.8
98 73.7 0.0 130.6



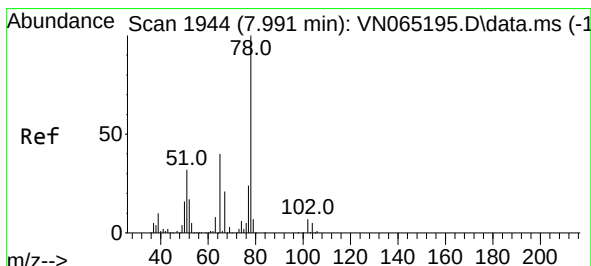
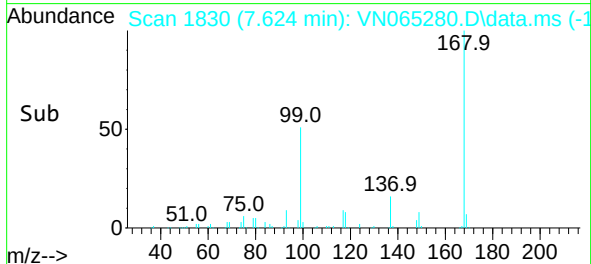
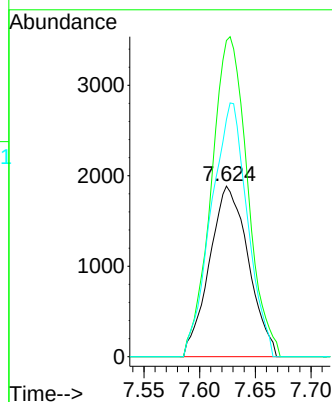


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
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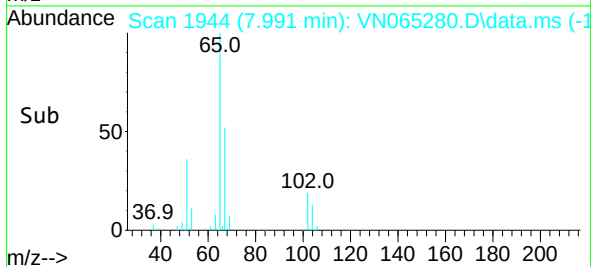
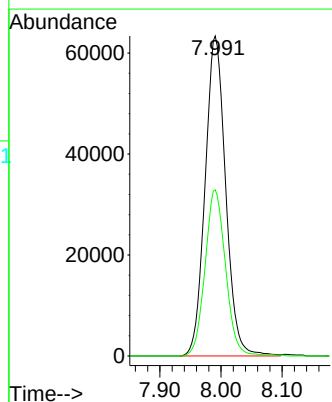
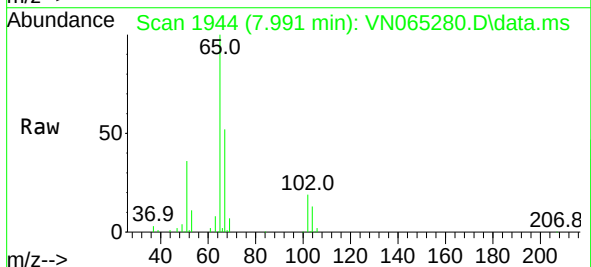


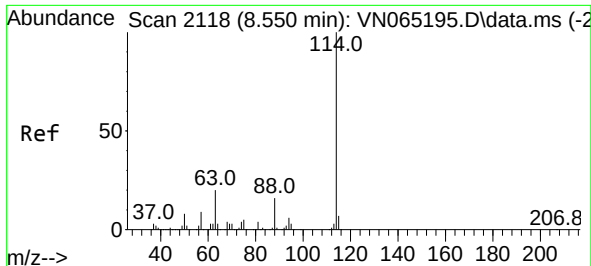
Tgt Ion: 56 Resp: 4585
Ion Ratio Lower Upper
56 100
69 185.4 27.5 41.3#
84 139.0 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

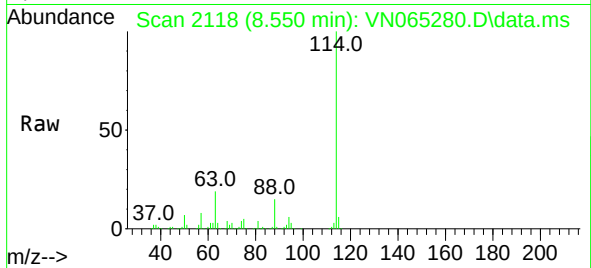
Tgt Ion: 65 Resp: 148349
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.2



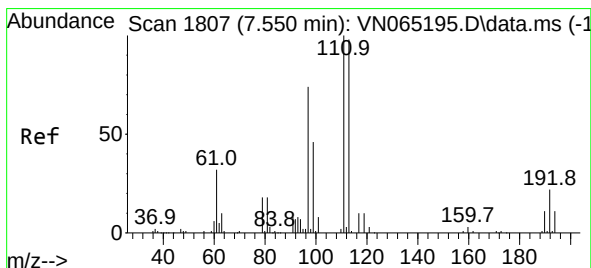
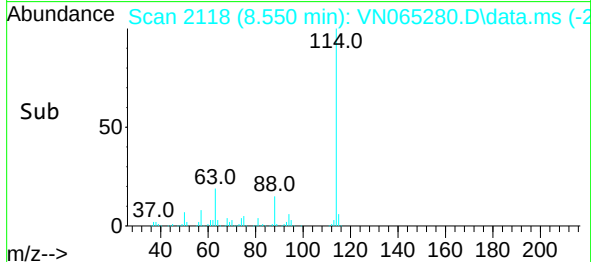
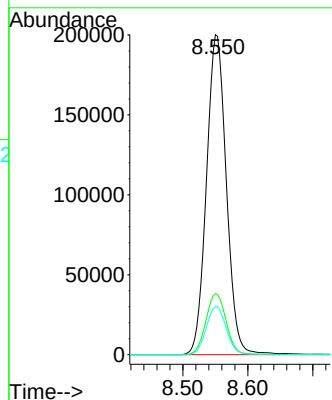


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
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ClientSampleId :
RE115D2-20201215DL

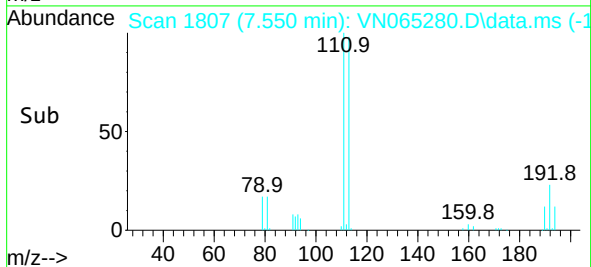
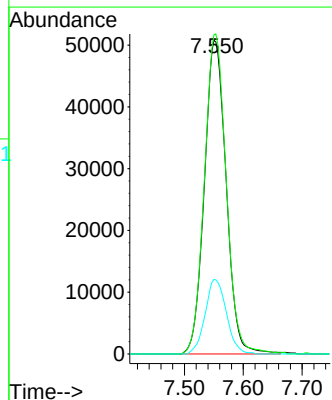
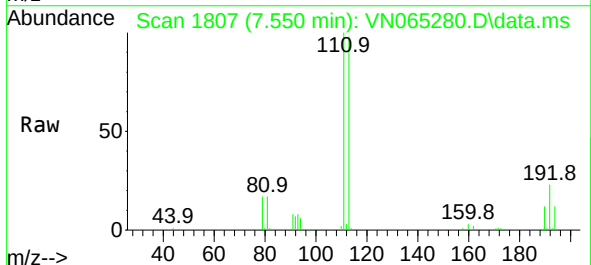


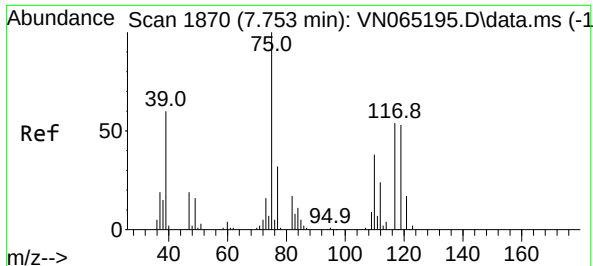
Tgt Ion:	114	Resp:	425890
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	38.6
88	15.1	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.89 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Tgt Ion:	113	Resp:	130768
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.6	122.4
192	23.1	16.2	24.2



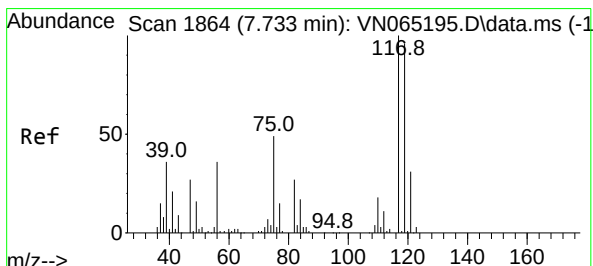
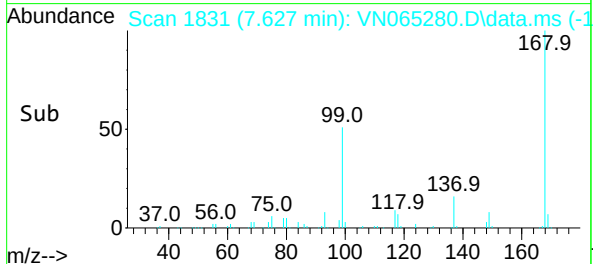
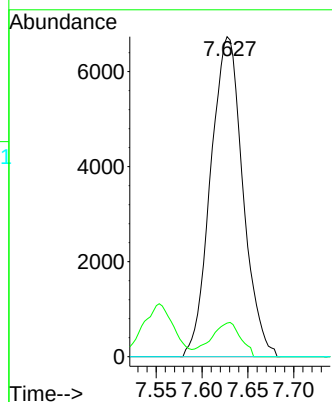
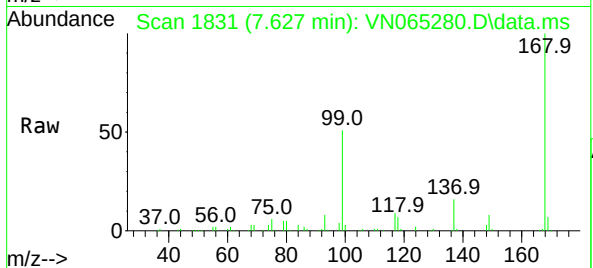


#36

1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
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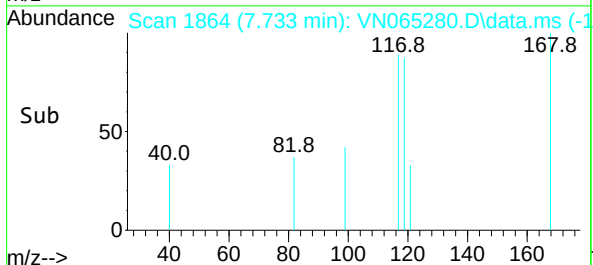
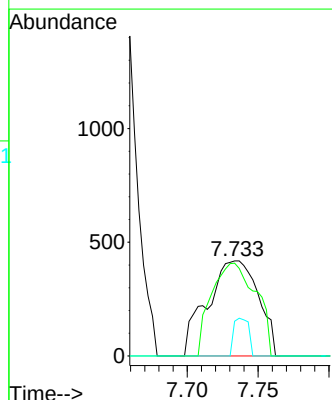
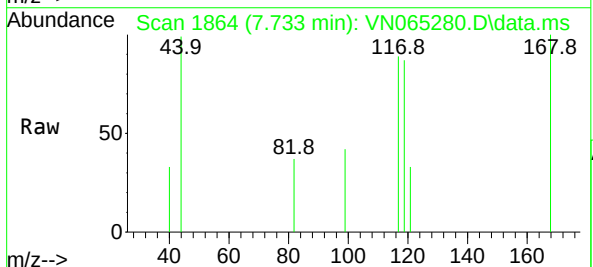
Tgt Ion: 75 Resp: 16466
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 25.0 37.4#

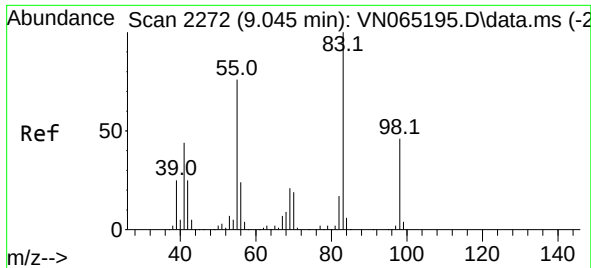


#38

Carbon Tetrachloride
Concen: 0.26 ug/l
RT: 7.733 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Tgt Ion: 117 Resp: 1055
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1
121 36.6 25.4 38.2

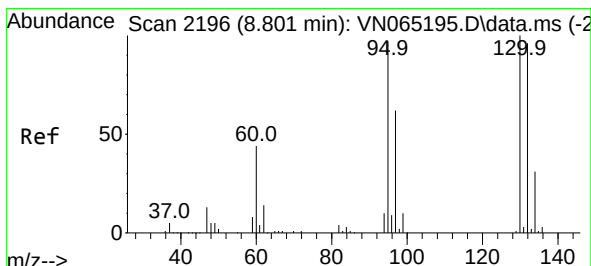
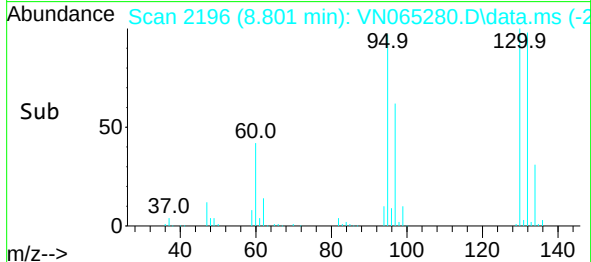
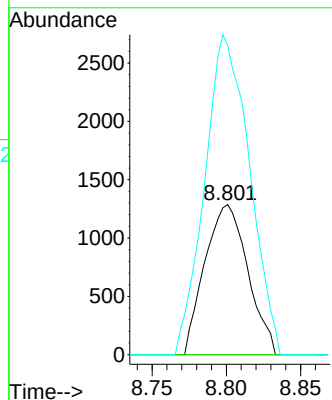
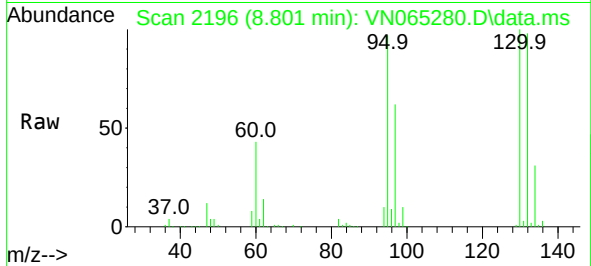




#39
Methylcyclohexane
Concen: 0.56 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.244 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

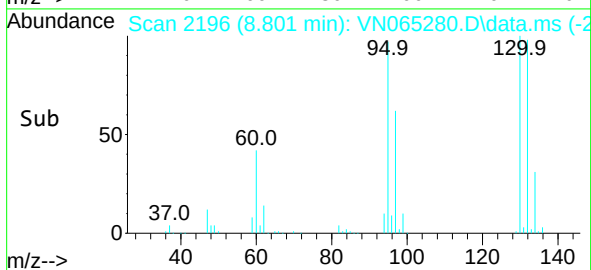
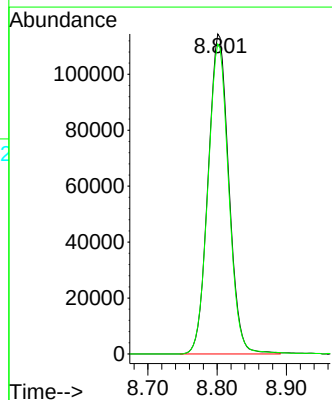
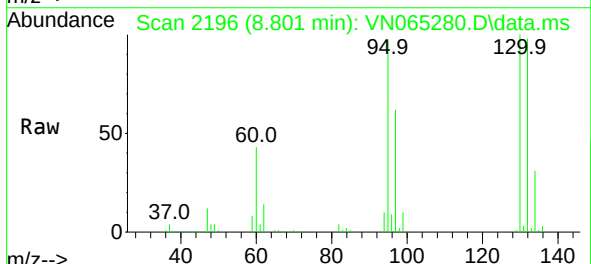
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

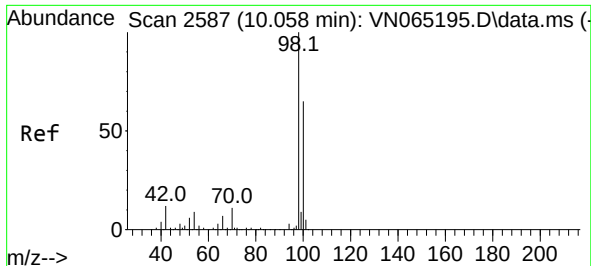
Tgt Ion: 83 Resp: 2589
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 206.2 37.4 56.2#



#44
Trichloroethene
Concen: 71.39 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Tgt Ion:130 Resp: 237396
Ion Ratio Lower Upper
130 100
95 96.9 0.0 197.8

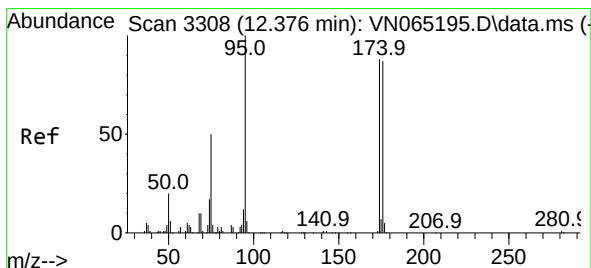
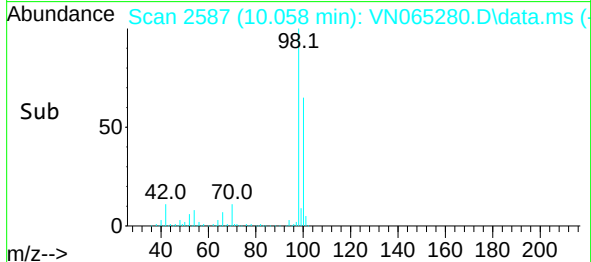
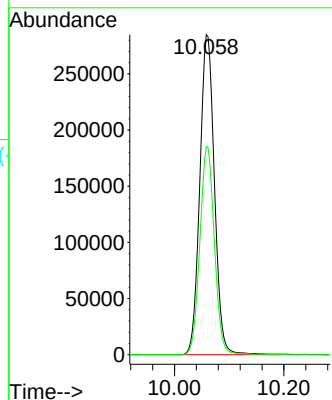
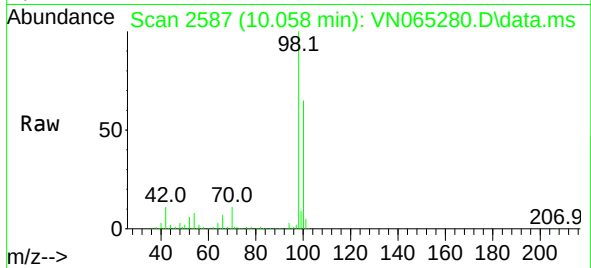




#50
Toluene-d8
Concen: 54.80 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

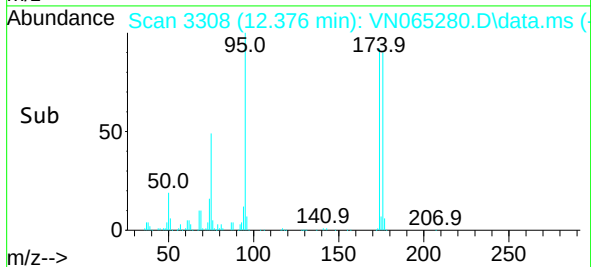
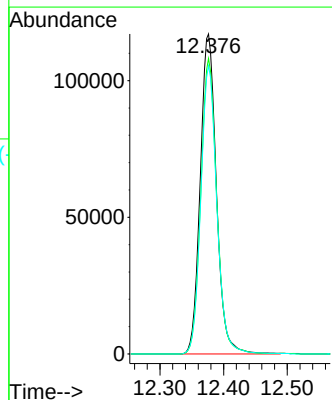
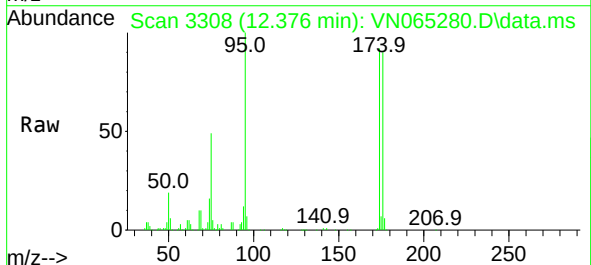
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

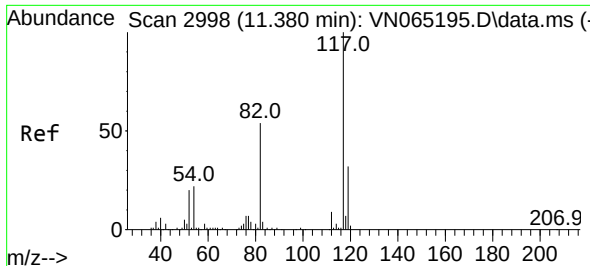
Tgt Ion: 98 Resp: 527762
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.82 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Tgt Ion: 95 Resp: 206634
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.4
176 89.3 0.0 158.4

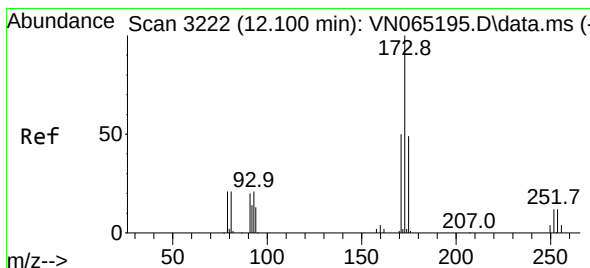
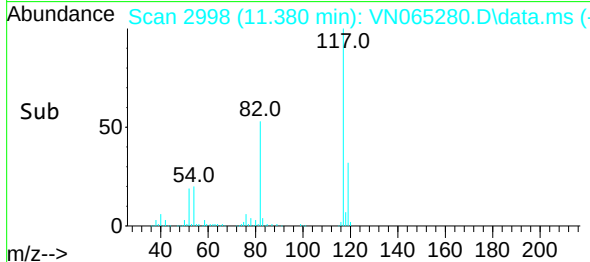
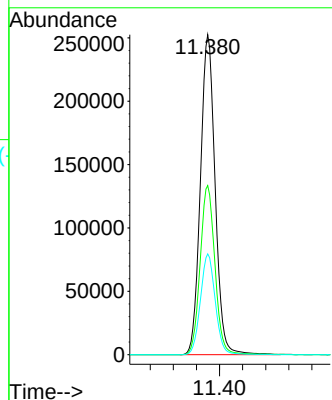
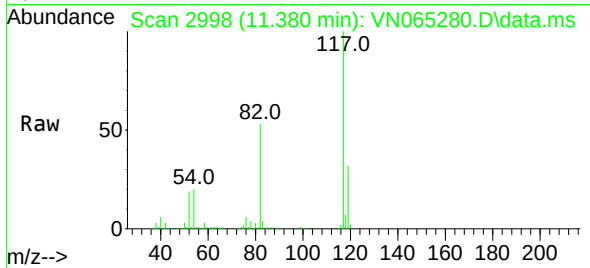




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

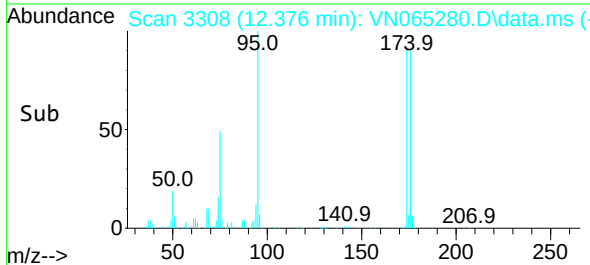
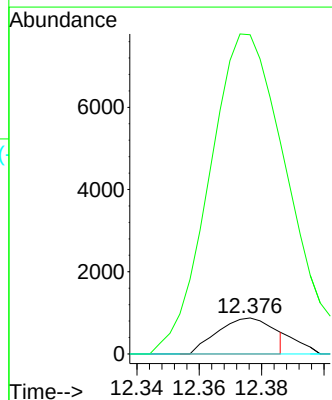
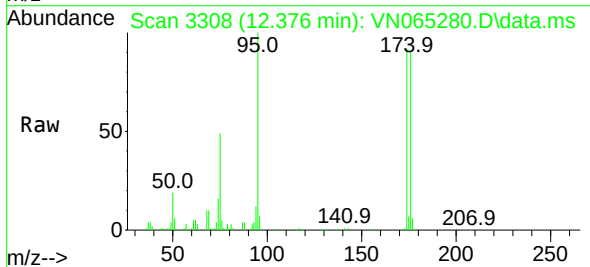
Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

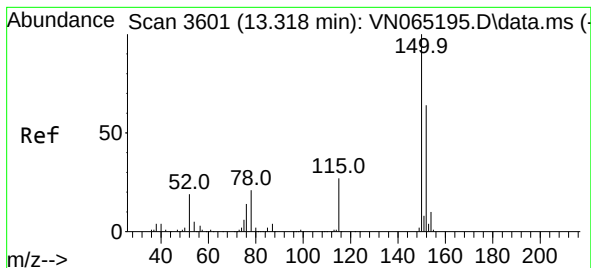
Tgt Ion:117 Resp: 447886
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.5 25.8 38.6



#71
Bromoform
Concen: 0.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Tgt Ion:173 Resp: 1096
Ion Ratio Lower Upper
173 100
175 1024.5 24.3 72.8#
254 0.0 0.0 0.0

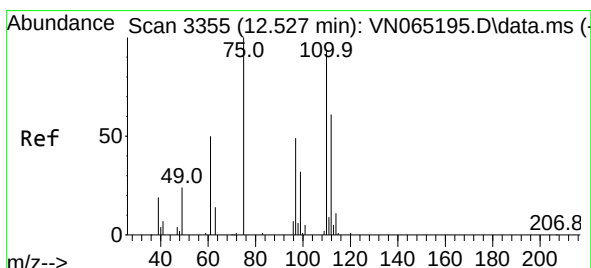
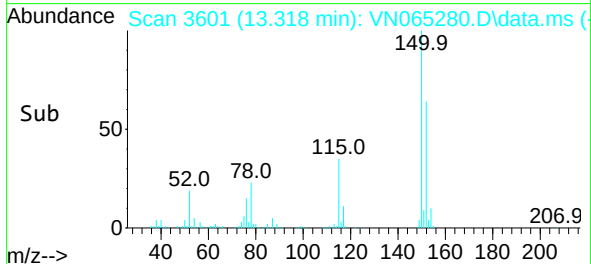
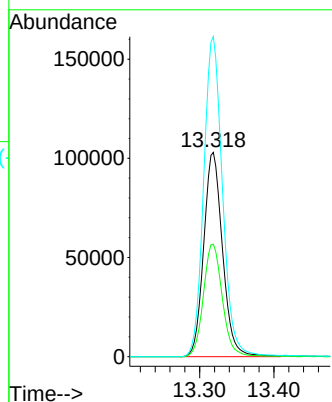
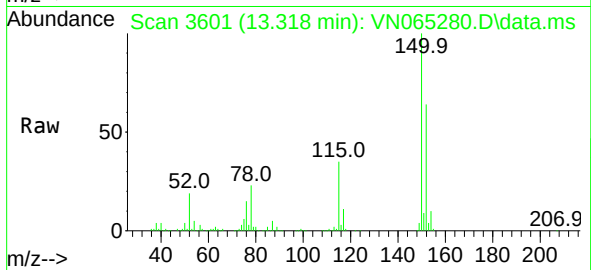




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

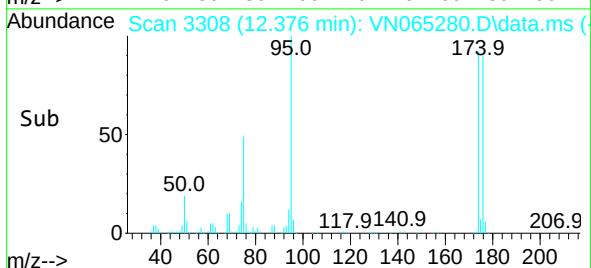
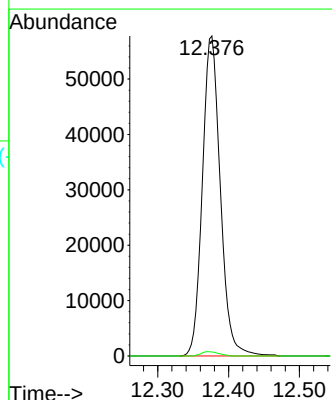
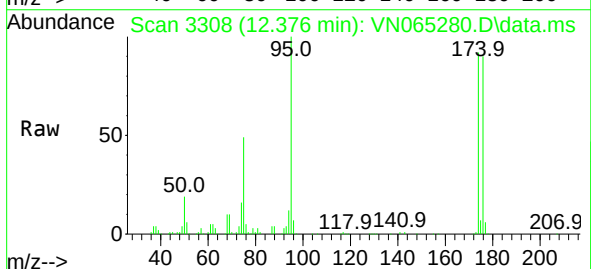
Instrument :
MSVOA_N
ClientSampleId :
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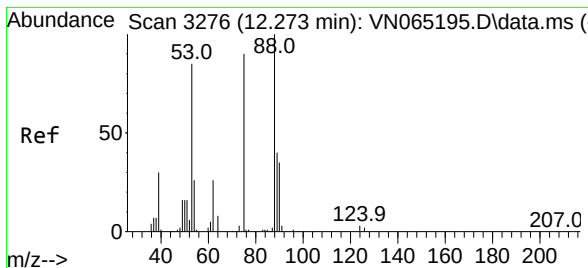
Tgt Ion:152 Resp: 181714
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 156.2 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

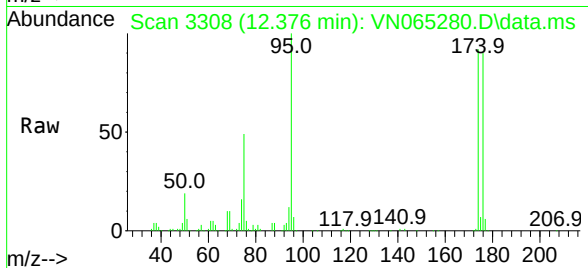
Tgt Ion: 75 Resp: 101771
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



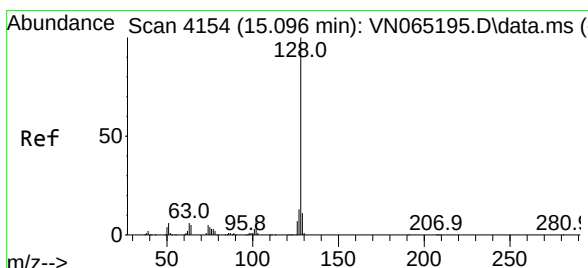
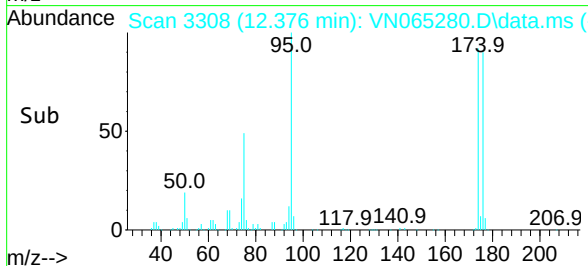
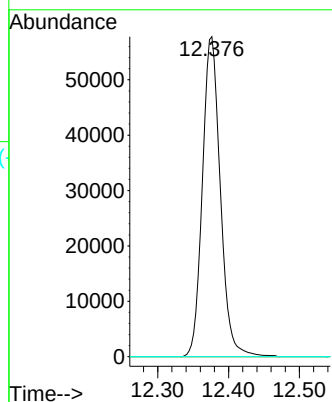


#81
trans-1,4-Dichloro-2-butene
Concen: 69.22 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
RE115D2-20201215DL

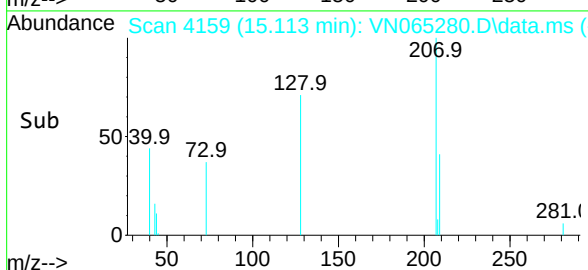
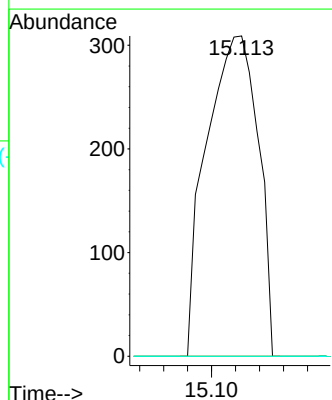
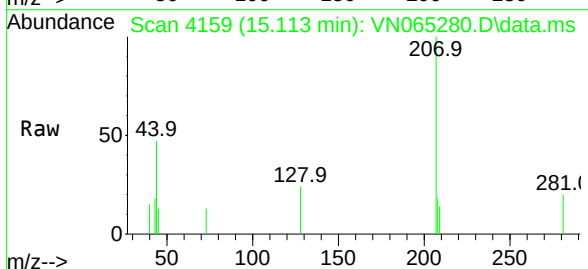


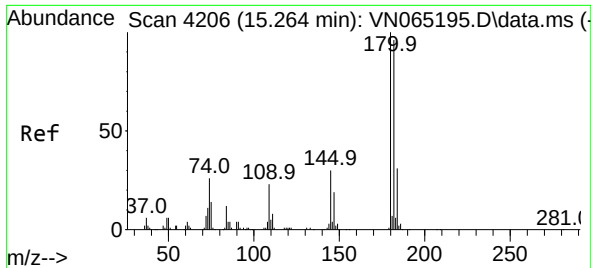
Tgt Ion: 75 Resp: 101771
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.017 min
Lab File: VN065280.D
Acq: 28 Dec 2020 12:47

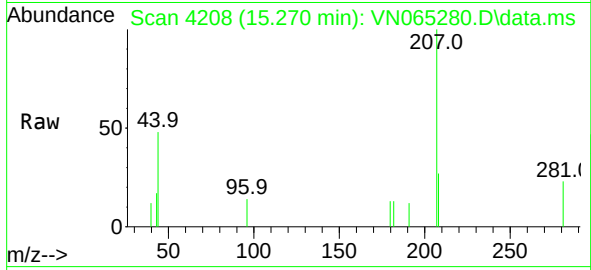
Tgt Ion: 128 Resp: 462
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.24 ug/l
 RT: 15.270 min Scan# 4208
 Delta R.T. 0.006 min
 Lab File: VN065280.D
 Acq: 28 Dec 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:	180	Resp:	62
Ion	Ratio	Lower	Upper
180	100		
182	101.6	48.1	144.4
145	0.0	16.4	49.1#

